



TITLE:

Extended co-ordination theory of valency III : valence bonds in carbon compounds

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CITATION:

Tsuchida, Ryutaro ...[et al]. Extended co-ordination theory of valency III : valence bonds in carbon compounds. The Review of Physical Chemistry of Japan 1939, 13(2): 61-73

ISSUE DATE:

1939-08-31

URL:

<http://hdl.handle.net/2433/46546>

RIGHT:

Summary.

(1) All the carbon compounds are assumed to be formed by co-ordinating ions and molecules around quadrivalent carbon cations.

(2) According to the number and nature of ligands, there are at least six types of bonds in carbon compounds: viz., the tetrahedral, the trigonal, the aromatic, the digonal, the 'double', and the 'triple' bond.

(3) The nature of these valence bonds in carbon compounds have been dealt with from a quantum mechanical point of view.

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(Received May 31, 1939)
